

F I G. 2

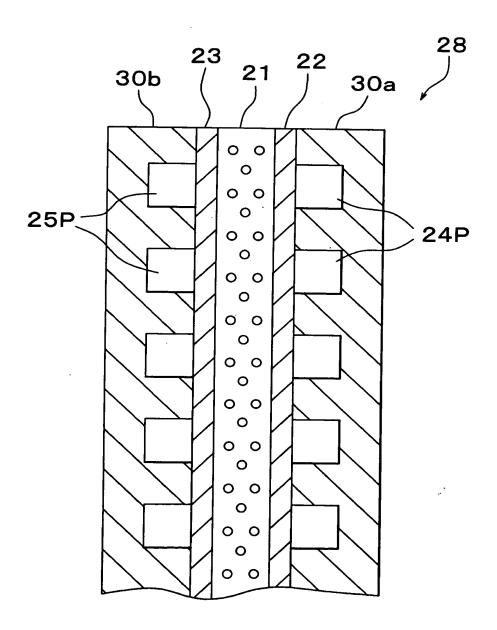
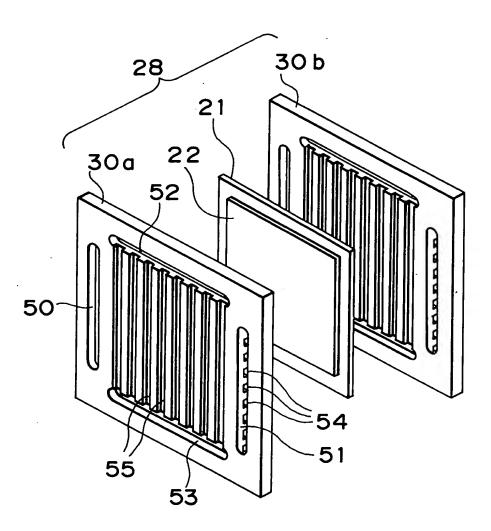
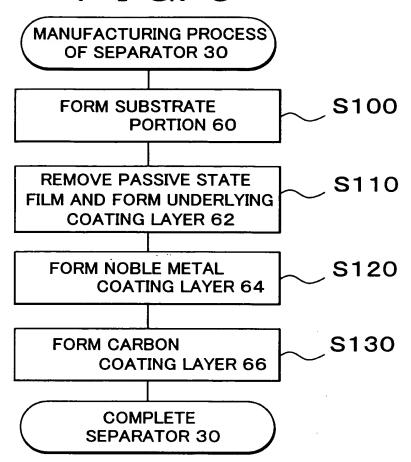


FIG. 3

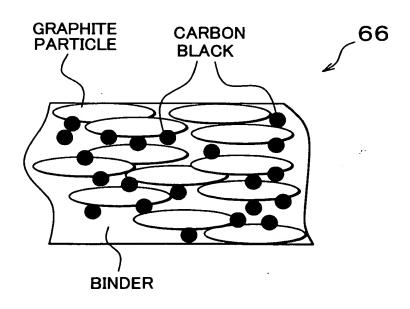


F I G. 4 38 36A 0 

#### F I G. 5



#### FIG. 6





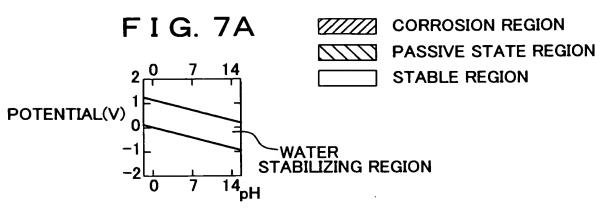


FIG. 7C FIG. 7D FIG. 7B POTENTIAL(V) **PLATINUM GOLD IRIDIUM** FIG. 7G FIG. 7F FIG. 7E POTENTIAL(V) PALLADIUM PH **PHODIUM ROTHENIUM** FIG. 7H F I G. 71 FIG. 7J POTENTIAL(V) **SILVER OSMIUM MERCURY** 

FIG. 8A FIG. 8B FIG. 8C 14 POTENTIAL(V) 0 14 <sub>pH</sub> **SELENIUM TELLURIUM POLONIUM** FIG. 8D FIG. 8E FIG. 8F POTENTIAL(V) 0 **COPPER BISMUTH TECHNETIUM** F I G. 8G FIG. 8H F I G. 81 POTENTIAL(V)<sub>0</sub> CARBON PH **ANTIMONY ARSENIC** F I G. 8J FIG. 8K FIG. 8L POTENTIAL(V) 0 **LEAD RHENIUM NICKEL** 



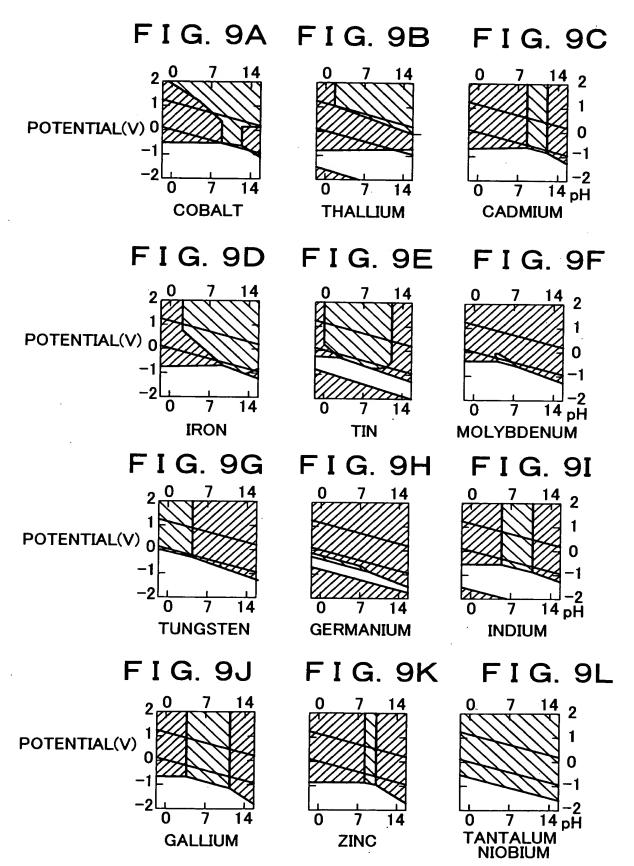
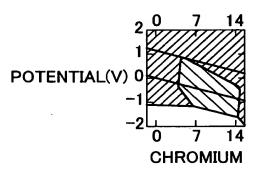
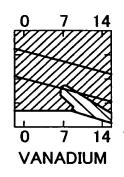




FIG. 10A FIG. 10B FIG. 10C





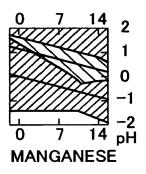
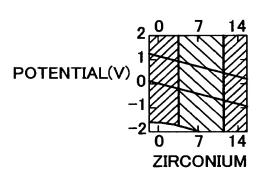
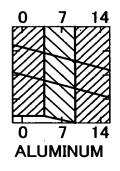


FIG. 10D FIG. 10E FIG. 10F





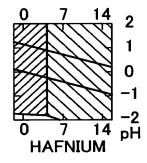
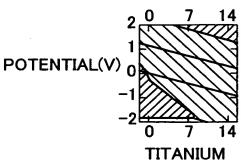
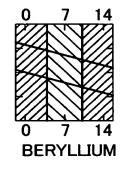
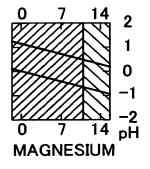


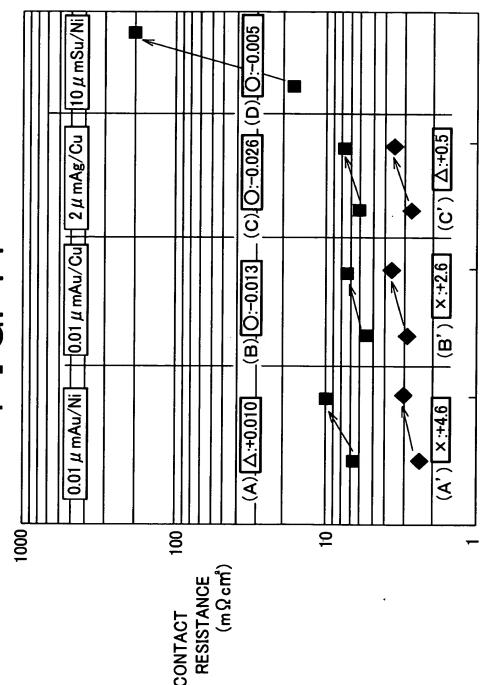
FIG. 10G FIG. 10H FIG. 10I









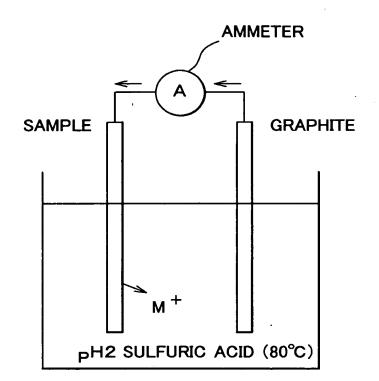


CONTACT

I WITH CARBON COATING;100-HOUR IMMERSION IN 80°C, PH2 SULFURIC ACID 1

► NO CARBON COATING;24-HOUR IMMERSION IN 80°C, PH2 SULFURIC ACID 🛫 🖙 CORROSION CURRENT;  $\mu$  A/cm<sup>2</sup>

FIG. 12



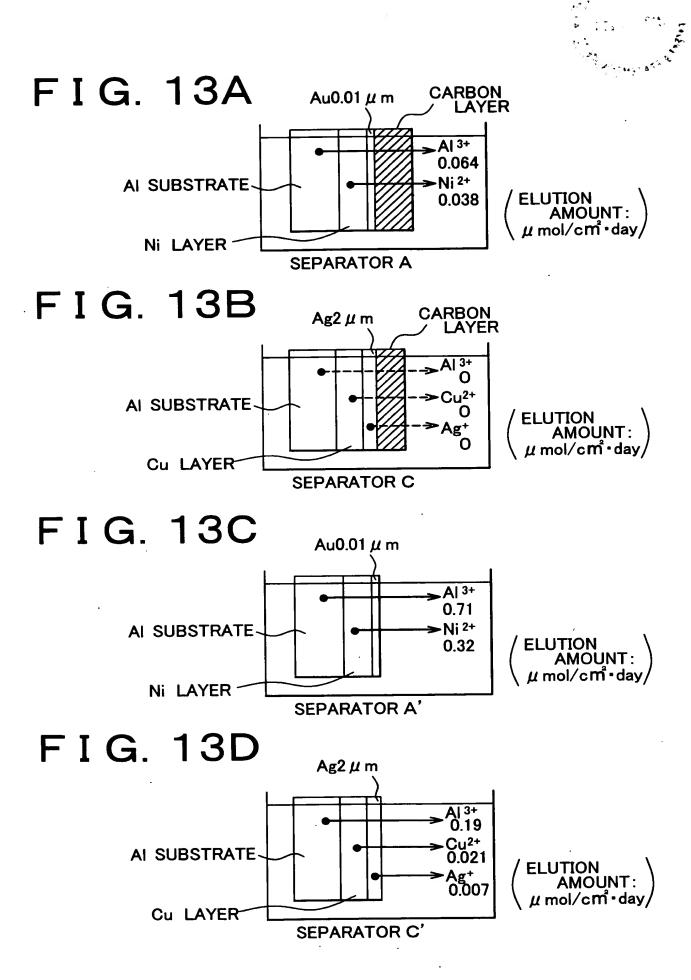
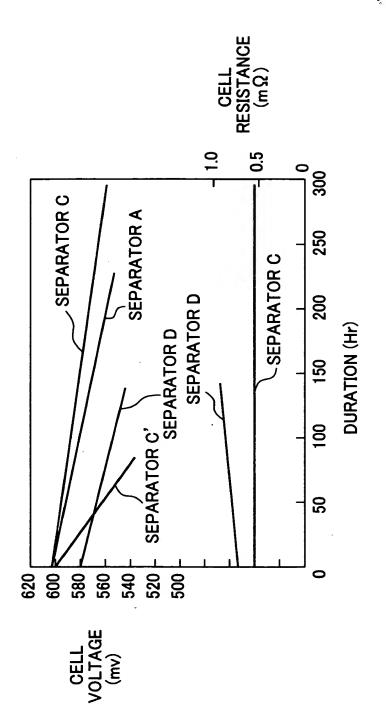


FIG. 14





#### FIG. 15

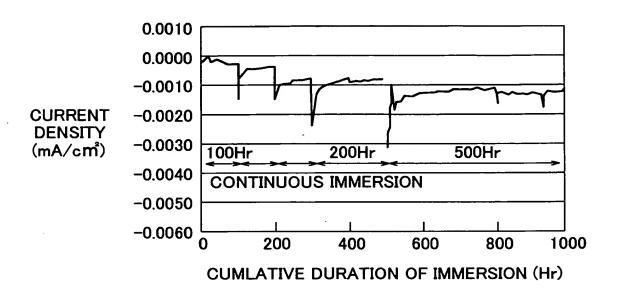
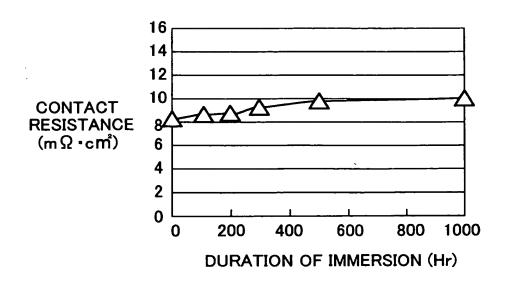


FIG. 16





#### F I G. 17

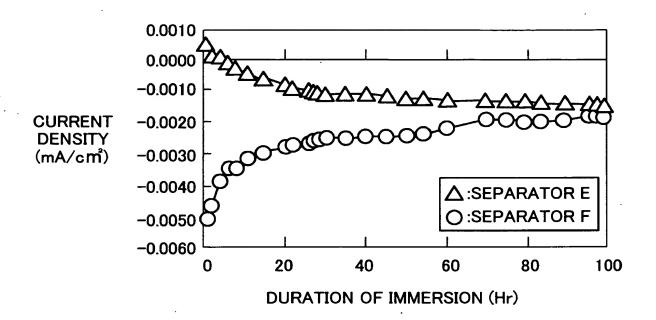
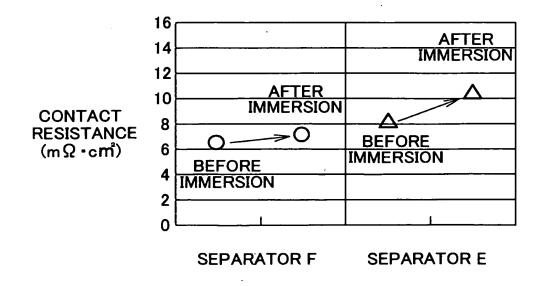
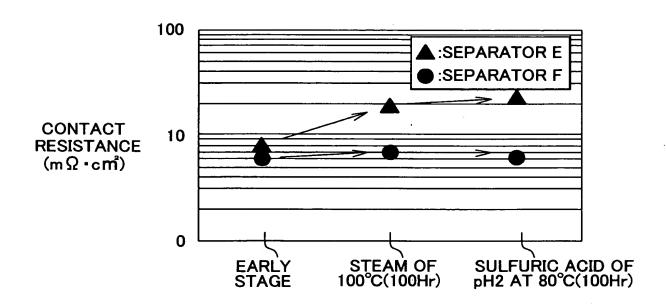


FIG. 18



### FIG. 19



F I G. 20

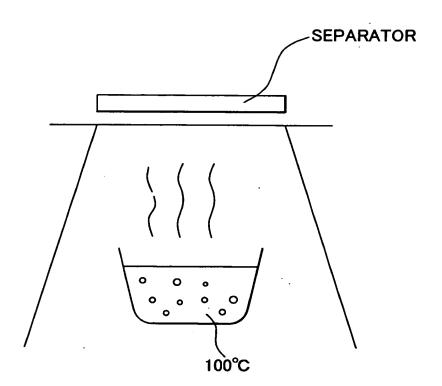
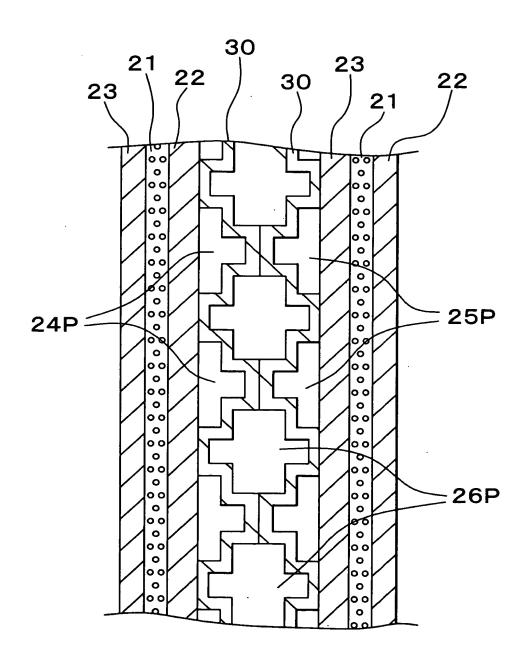
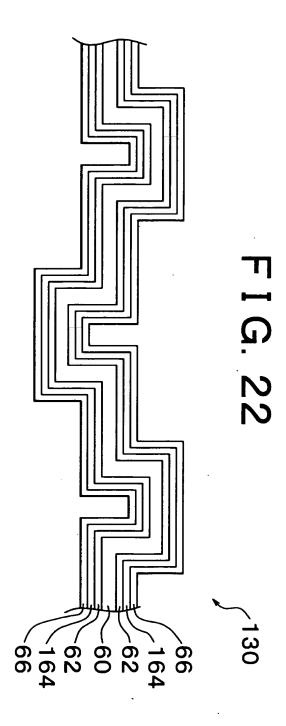


FIG. 21









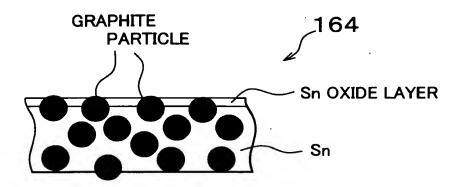
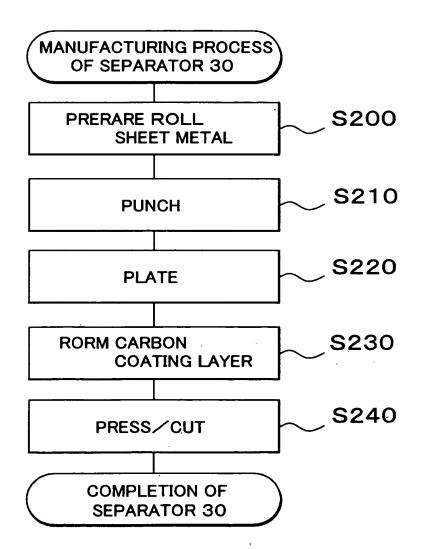


FIG. 24



## FIG. 25A

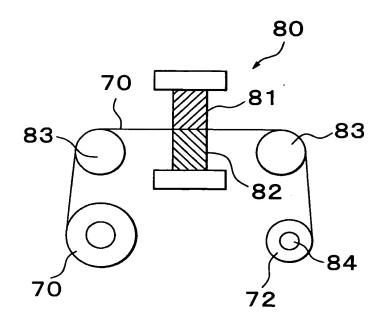


FIG. 25B

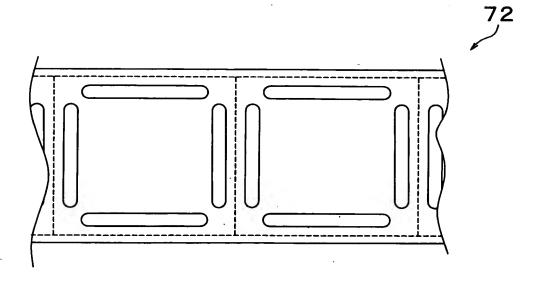


FIG. 26

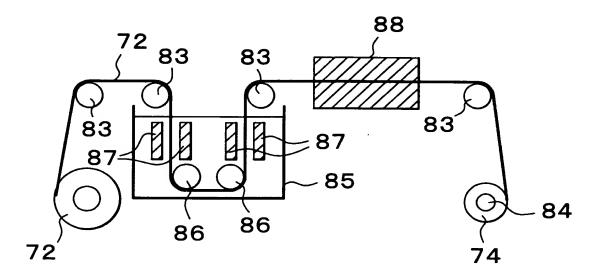
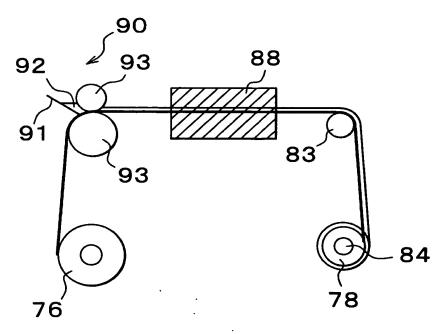


FIG. 27





# F I G. 28

